Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121518\
Data File : BM018201.D
Acq On : 15 Dec 2018 12:49
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
12/17/2018 4:19:41 PM

Quant Time: Dec 15 21:43:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	113467	20.00	ng		0.00
21) Naphthalene-d8	10.27	136	475917	20.00	ng		0.00
39) Acenaphthene-d10	14.16	164	282781	20.00	ng		0.00
64) Phenanthrene-d10	16.92	188	654490	20.00	ng		0.00
76) Chrysene-d12	21.14	240	726874	20.00	ng		0.00
87) Perylene-d12	23.30	264	728455	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	32484	4.84	ng		0.00
7) Phenol-d6	6.70	99	41351	4.41	ng		0.00
23) Nitrobenzene-d5	8.66	82	39360	4.27	ng		0.00
42) 2,4,6-Tribromophenol	15.67	330	18634	4.60	ng		0.00
45) 2-Fluorobiphenyl	12.77	172	106198	4.90	ng		0.00
79) Terphenyl-d14	19.57	244	163551	5.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	7254	2.608	ng	#	88
3) Pyridine	3.53	79	21048	2.582	ng		95
4) n-Nitrosodimethylamine	3.45	42	6661	1.916	ng	#	98
6) Aniline	6.85	93	26725	2.296	ng		92
8) 2-Chlorophenol	7.08	128	18176	2.266	ng		95
10) Phenol	6.73	94	23044	2.334	ng		95
11) bis(2-Chloroethyl)ether	6.95	93	18923	2.435	ng		86
12) 1,3-Dichlorobenzene	7.39	146	22042	2.448	ng		97
13) 1,4-Dichlorobenzene	7.54	146	21313	2.314	ng		92
14) 1,2-Dichlorobenzene	7.85	146	20244	2.267	ng		94
15) Benzyl Alcohol	7.77	79	16179	2.168	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.03	45	17508	1.573	ng		94
17) 2-Methylphenol	7.96	107	14513	2.193	ng		91
18) Hexachloroethane	8.55	117	7594	2.332	ng		90
19) n-Nitroso-di-n-propylamine	8.32	70	15343	2.262	ng		95
20) 3+4-Methylphenols	8.29	107	20127	2.183	ng		86
22) Acetophenone	8.33	105	29714	2.493	ng		97
24) Nitrobenzene	8.71	77	21117	2.264	ng		97
25) Isophorone	9.22	82	36621	2.557	ng		99
26) 2-Nitrophenol	9.41	139	9613	2.235	ng		96
27) 2,4-Dimethylphenol	9.48	122	14197	2.289	ng		96
28) bis(2-Chloroethoxy)methane	9.72	93	23055	2.399	ng		96
29) 2,4-Dichlorophenol	9.96	162	14895	2.080	ng		97
30) 1,2,4-Trichlorobenzene	10.14	180	20326	2.443	ng	#	92
31) Naphthalene	10.32	128	56492	2.433	ng		100
33) 4-Chloroaniline	10.46	127	20775	2.044	ng	#	88
34) Hexachlorobutadiene	10.59	225	12904	2.492	ng		96
35) Caprolactam	11.26	113	5754	2.156	ng	#	81
36) 4-Chloro-3-methylphenol	11.60	107	20698	2.492	ng		97
37) 2-Methylnaphthalene	11.95	142	39303	2.395	ng	#	93
38) 1-Methylnaphthalene	12.17	142	38751	2.411	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	22598	2.292	ng		98
43) 2,4,6-Trichlorophenol	12.59	196	13800	2.231	ng		96
44) 2,4,5-Trichlorophenol	12.67	196	15315	2.344	ng	#	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	12.98	154	60820	2.408	ng		98
47) 2-Chloronaphthalene	13.02	162	44288	2.369	ng		94
48) 2-Nitroaniline	13.26	65	13188	2.293	ng		88
49) Acenaphthylene	13.88	152	66421	2.361	ng		96
50) Dimethylphthalate	13.63	163	59789	2.611	ng		98
51) 2,6-Dinitrotoluene	13.76	165	11590	2.276	ng		92
52) Acenaphthene	14.22	154	42226	2.451	ng		97
53) 3-Nitroaniline	14.11	138	10353	1.865	ng		97
55) Dibenzofuran	14.57	168	68069	2.417	ng		97
57) 2,4-Dinitrotoluene	14.57	165	15602	2.271	ng	#	77
58) Fluorene	15.22	166	52087	2.415	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.80	232	14213	2.370	ng	#	97
61) 4-Chlorophenyl-phenylether	15.22	204	29625	2.422	ng		97
62) 4-Nitroaniline	15.29	138	9310m	1.780	ng		
63) Azobenzene	15.52	77	56731	2.474	ng		97
66) n-Nitrosodiphenylamine	15.45	169	49216	2.347	ng		98
67) 4-Bromophenyl-phenylether	16.12	248	18903	2.459	ng		89
68) Hexachlorobenzene	16.23	284	20028	2.313	ng		97
69) Atrazine	16.41	200	18938	2.484	ng		99
70) Pentachlorophenol	16.59	266	11487	1.910	ng		94
71) Phenanthrene	16.96	178	86253	2.447	ng		98
72) Anthracene	17.06	178	80043	2.331	ng		99
73) Carbazole	17.34	167	84505	2.432	ng		99
74) Di-n-butylphthalate	17.90	149	109613	2.798	ng		99
75) Fluoranthene	19.00	202	99502	2.491	ng		99
77) Benzidine	19.22	184	35580	1.570	ng		98
78) Pyrene	19.36	202	106440	2.401	ng		95
80) Butylbenzylphthalate	20.28	149	50300	2.743	ng		99
81) Benzo(a)anthracene	21.13	228	106671	2.562	ng		99
82) 3,3'-Dichlorobenzidine	21.07	252	40783	2.528	ng		97
83) Chrysene	21.18	228	104471	2.586	ng		99
84) Bis(2-ethylhexyl)phthalate	21.06	149	75522	2.762	ng		98
85) Di-n-octyl phthalate	21.93	149	122580	2.778	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.44	276	104045	3.087	ng		98
88) Benzo(b)fluoranthene	22.67	252	95499	2.267	ng	#	96
89) Benzo(k)fluoranthene	22.71	252	99860	2.362	ng	#	97
90) Benzo(a)pyrene	23.21	252	95745	2.485	ng	#	94
91) Dibenzo(a,h)anthracene	25.45	278	87822	2.658	ng		97
92) Benzo(g,h,i)perylene	26.09	276	85470	2.755	ng	#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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